

DECLARATION FOR PATENT APPLICATION

Attorney Docket No: 62004-1850

As the below named inventor(s), I/we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first, and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **Backplane, Printed Wiring Board, and/or Multi-Chip Module-Level Optical Interconnect Layer having Embedded Air-Gap Technologies and Methods of Fabrication**, the specification of which:

- ☐ is attached hereto.
- ☐ was filed on _____ as Application Serial No. _____.
- ☐ was filed on _____ under U.S. Express Mail No. _____.
- ☐ is set forth in PCT International Application No. _____; filed on _____ and as amended Under PCT Article 19 on _____ (if any).

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I/we acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim the benefit under Title 35, United States Code, §119 of any United States provisional patent application, foreign application(s) for patent or inventor's certificate listed below and have also identified below any United States provisional patent application, foreign application for patent or inventor's certificate having a filing date before that of the above-identified application on which priority is claimed: **Provisional Patent Application entitled Passive Thin-Film Integrated Optical Guided Wave Interconnection Layer Using Air-Gap and Volume Grating Coupler Technologies For Multi-Chip Module, Printed Wiring Board, and Backplane Applications and Methods; filed on April 30, 2001 and assigned Serial No.: 60/287,440.**

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States patent application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application: **NOT APPLICABLE.**

I/we hereby appoint the following attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: **George M. Thomas, Reg. No. 22,260; James W. Kayden, Reg. No. 31,532; Scott A. Horstemeyer, Reg. No. 34,183; Stephen R. Risley, Reg. No. 35,659; Jeffrey R. Kuester, Reg. No. 34,367; Daniel R. McClure, Reg. No. 38,962; Daniel J. Santos, Reg. No. 40,158; Dan R. Gresham, Reg. No. 41,805; J. Scott Culpepper, Reg. No. 41,692; Michael J. Tempel, Reg. No. 41,344; David R. Risley, Reg. No. 39,345; M. Paul Qualey, Reg. No. 43,024; Robert P. Biddle, Reg. No. 35,826; Jennifer M. Gruber, Reg. No. 42,601; Peter A. Nieves, Reg. No. 48,173; William F. Heinze, Reg. No. 36,161; Raymond W. Armentrout, Reg. No. 45,866; Robert A. Blaha, Reg. No. 43,502; Cynthia J. Lee, Reg. No. 46,033; N. Andrew Crain, Reg. No. 45,442; Monica H. Winghart, Reg. No. 46,790; Robert B. Dulaney III, Reg. No. 47,539; Christopher B. Linder, Ph.D., Reg. No. 47,751; Adam E. Crall, Reg. No. 46,646; Edwina T. Washington, Reg. No. 43,187; Scott M. Lohnes, Reg. No. 45,451; Sami O. Malas, Reg. No. 44,893; David Rodack, Reg. 47,034; Troy VanAacken, Reg. No. P50,847; Charles W. Griggers, Reg. No. 47,283; Robert E. Stachler II, Reg. No. 36,934; David P. Kelley, Reg. No. 17,420; Eric M. Ringer, Reg. No. 47,028; and Charles E. Thorpe, Jr., Reg. No. 48,782.**

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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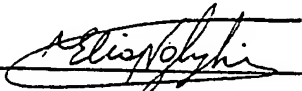
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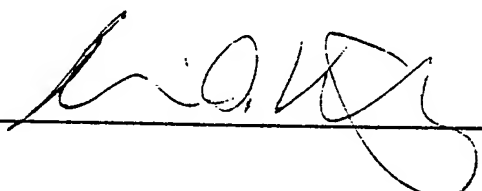
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